

Influence of geotextiles on performance of saline sebkha soils
Abduljawwad S.N., Bayomy F., Al-Shaikh A.-K.M., Al-Amoudi O.S.B.
Journal of Geotechnical Engineering - ASCE
Vol. 120, Issue.11, 1994

Abstract: Along the western shores of the Arabian Gulf, saline soils, known as sebkhas, are widely distributed. These soils are associated with many geotechnical problems that emerge principally because of their high salt content and their susceptibility to strength loss and collapse upon saturation. This research program was carried out to assess the performance of sebkha subgrade in the laboratory using conventional and soil-fabric-aggregate (SFA) systems under static and dynamic loading conditions. -from Authors